

# DECLARATION FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. ALTRP064

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHODS AND APPARATUS FOR IMPLEMENTING PARAMETERIZABLE PROCESSORS AND PERIPHERALS**, the specification of which,

(check one)

1. ☒ is attached hereto.
2. ☐ was filed on \_\_\_\_\_ as  
U.S. Application No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.
3. ☐ was filed on \_\_\_\_\_ as  
International PCT Application No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR §1.56.

I hereby claim foreign priority benefits under Title 35, United States code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

## Prior Foreign Application(s)

Priority Benefits Claimed?

\_\_\_\_\_  
(Appl. No.)

\_\_\_\_\_  
(Country)

\_\_\_\_\_  
(Filing Date)

☐ Yes ☐ No

\_\_\_\_\_  
(Appl. No.)

\_\_\_\_\_  
(Country)

\_\_\_\_\_  
(Filing Date)

☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

## Prior Provisional Application(s)

\_\_\_\_\_  
(Application No.)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Application No.)

\_\_\_\_\_  
(Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

**Prior U.S. Application(s)**

_____	_____	_____
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
_____	_____	_____
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)

**Direct Correspondence To:**

**Customer Number: 022434**  
BEYER WEAVER & THOMAS, LLP  
P.O. Box 778  
Berkeley, CA 94704-0778



**Direct Telephone Calls To:**

**Godfrey K. Kwan at telephone number (510) 843-6200**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of  
Sole or First Inventor:

Tim Allen

Citizenship: United States

**Inventor's signature:**

**Date of Signature:** \_\_\_\_\_

Residence: (City) Santa Cruz

(State/Country) CA/US

Post Office Address: 227 Berkeley Way, Santa Cruz, CA 95062

Full Name of Second Joint  
Inventor (if any):

Michael Fairman

Citizenship: United States

**Inventor's signature:**

**Date of Signature:** \_\_\_\_\_

Residence: (City) Santa Cruz

(State/Country) CA/US

Post Office Address: 112 Molina Drive, Santa Cruz, CA 95060

Full Name of Third Joint  
Inventor (if any):

Jeffrey Orion Pritchard

Citizenship: United States

**Inventor's signature:**

**Date of Signature:** \_\_\_\_\_

Residence: (City) Santa Cruz

(State/Country) CA/US

Post Office Address: 220 6<sup>th</sup> Avenue, Santa Cruz, CA 95062

Full Name of Fourth Joint Inventor (if any):

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Bryan Hoyer

Citizenship:

**Inventor's signature:**

**Date of Signature:**\_\_\_\_\_

Residence: (City)

(State/Country)

Post Office Address:

Table 1. Demographic characteristics of the study population	
Age (years)	65.0 ± 10.0
Gender	
Male	50 (50.0%)
Female	50 (50.0%)
Education (years)	12.0 ± 2.0
Marital status	
Married	40 (80.0%)
Single	10 (20.0%)
Occupation	
Retired	30 (60.0%)
Unemployed	20 (40.0%)
Income (USD/month)	1,200 ± 300
Health status	
Good	30 (60.0%)
Fair	20 (40.0%)
Poor	10 (20.0%)
Comorbidities	
Hypertension	20 (40.0%)
Diabetes	10 (20.0%)
Cholesterol	15 (30.0%)
Arthritis	10 (20.0%)
Depression	5 (10.0%)
Other	5 (10.0%)
Medication	
Yes	30 (60.0%)
No	20 (40.0%)
Medication type	
Antidepressant	10 (20.0%)
Antipsychotic	5 (10.0%)
Antibiotic	5 (10.0%)
Other	10 (20.0%)
Duration of illness (years)	5.0 ± 3.0
Severity of illness	
Mild	20 (40.0%)
Severe	30 (60.0%)
Functional status	
Independent	30 (60.0%)
Dependent	20 (40.0%)
Quality of life (score)	70.0 ± 10.0
Satisfaction with care	
Satisfied	30 (60.0%)
Dissatisfied	20 (40.0%)
Healthcare utilization	
Emergency department	10 (20.0%)
Outpatient clinic	20 (40.0%)
Hospitalization	10 (20.0%)
Other	10 (20.0%)
Health insurance	
Medicaid	20 (40.0%)
Medicare	30 (60.0%)
Private	10 (20.0%)
Uninsured	5 (10.0%)
Healthcare access	
Barriers	10 (20.0%)
No barriers	40 (80.0%)
Healthcare costs	
High	10 (20.0%)
Low	40 (80.0%)
Healthcare quality	
Good	30 (60.0%)
Fair	20 (40.0%)
Poor	10 (20.0%)
Healthcare provider	
Physician	20 (40.0%)
Nurse	10 (20.0%)
Other	20 (40.0%)
Healthcare setting	
Primary care	20 (40.0%)
Specialty care	10 (20.0%)
Emergency	10 (20.0%)
Other	10 (20.0%)
Healthcare satisfaction	
Satisfied	30 (60.0%)
Dissatisfied	20 (40.0%)
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Poor	10 (20.0%)
Healthcare provider	
Physician	20 (40.0%)
Nurse	10

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re application of: Allen et al.

Attorney Docket No.: ALTRP064

Application No.: NEW

Examiner: UNASSIGNED

Filed: HEREWITH

Group: UNASSIGNED

Title: METHODS AND APPARATUS FOR  
IMPLEMENTING PARAMETERIZABLE  
PROCESSORS AND PERIPHERALS

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**POWER OF ATTORNEY**  
**AND CERTIFICATION UNDER 37 CFR 3.73(b)**

Commissioner for Patents  
Washington, D. C. 20231

Sir:

Pursuant to 37 C.F.R. §§1.36 and 3.71, **ALTERA CORPORATION**, (“assignee”), a Delaware corporation having a place of business at 101 Innovation Drive, San Jose, California 95134, assignee of record of the entire interest of the above-identified application, hereby revokes all powers of attorney previously given and appoints the following attorneys and agents to prosecute and transact all business in the U.S. Patent and Trademark Office connected therewith: Steve D Beyer (Reg. No. 31,234); Jeffrey K. Weaver (Reg. No. 31,314); C. Douglass Thomas (Reg. No. 32,947); Jonathan O. Scott (Reg. No. 39,364); James E. Austin (Reg. No. 39,489); Rupak Nag (Reg. No. 37,493); Joseph M. Villeneuve (Reg. No. 37,460); Michael L. Louie (Reg. No. 36,988); Mary R. Olynick (Reg. No. 42,963); Dean E. Wolf (Reg. No. 37,260); Elise R. Heilbrunn (Reg. No. 42,649); Michael J. Ferrazano (Reg. No. 44,105), Thomas C. Sylke (Reg. No. 32,312), Russell V. Swerdon (Reg. No. 36,943); Godfrey K. Kwan (Reg. No. 46,850) all of the law firm of BEYER, WEAVER & THOMAS, LLP, and Derek E. Minihane, Reg. No. 39,774, and James M. Wu, Reg. No. 45,241, of ALTERA CORPORATION, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please send all correspondence for this application as follows:

**Godfrey K. Kwan**  
BEYER, WEAVER & THOMAS, LLP  
P.O. Box 778  
Berkeley, CA 94704-0778

Please direct any calls to the same at (510) 843-6200.

Pursuant to 37 C.F.R. § 3.73, assignee certifies that to the best of assignee's knowledge and belief it is the assignee of the entire right, title, and interest in and to the above-referenced patent application and represents that the undersigned is a representative authorized and empowered to sign on behalf of the assignee. Assignee has reviewed the assignment document that evidences the placement of title in the assignee, a true and correct copy of which is attached hereto.

Pursuant to 37 C.F.R. §3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

**ALTERA CORPORATION**

Date \_\_\_\_\_

\_\_\_\_\_  
C. Wendell Bergere  
Vice President, General Counsel and Secretary